Appl. No. 09/714,040

Amdt. dated August 22, 2005

Reply to Office Action of April 20, 2005

## **Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

## **Listing of Claims:**

1-24. (cancelled)

25. (currently amended) A composition comprising monospecific  $F(ab')_2$  which wherein the  $F(ab')_2$  is:

- (a) free of F(ab')<sub>2</sub> having hinge region intrachain disulfide bonds; and
- (b) free of contaminating arsenite; and
- (e) each comprises a first and a second Fab' of the F(ab')<sub>2</sub>, each first and second F(ab') comprising comprises a CH1 domain fused to an a C-terminal amino acid sequence of about 1 to 10 amino acids, comprising Cys-X-X, wherein one or both Xs are absent or X is Ala, Arg, Pro or Asp, and the cysteine of the first Fab' forms a disulfide bond with the cysteine of the second Fab' to form the F(ab')<sub>2</sub>.

26-28. (cancelled)

29. (currently amended) The composition of claim 25, wherein each <u>first and second</u>
Fab' comprises the C-terminal amino acid sequence Cys-Ala-Ala.

30-37. (cancelled)

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38. (previously presented) The composition of claim 25, wherein the C-terminal amino acid sequence comprises Cys-Pro-Pro.

39. (previously presented) The composition of claim 25, wherein the F(ab')<sub>2</sub> polypeptide lacks a heavy and light interchain disulfide bond.

40. (currently amended) A composition comprising a F(ab')<sub>2</sub> comprising a first and second F(ab'), wherein each <u>first and second</u> Fab' comprises a CH1 region fused to an amino acid sequence <u>consisting of Cys-X-X</u>, wherein <u>one or both Xs are absent</u> or X is Ala, Arg, Asp or Pro.

- 41. (currently amended) The composition of claim 40, wherein the amino acid sequence comprises consists of Cys-Ala-Ala or Cys-Pro-Pro.
- 42. (previously presented) The composition of claim 40, wherein the  $F(ab')_2$  lacks a heavy and light interchain disulfide bond.
  - 43. (new) The composition of claim 25, wherein the  $(Fab')_2$  lacks glycosylation.